INTERNATIONAL SEARCH REPORT

eternational application No.

		rci.	CN2004/000939		
A. CLASSIFICATION OF SUBJECT MATTER					
IPC*: G01N33/48	B01D59/28, C01B4/00	;			
According to International Patent Classification (IPC) or to both national classification and IPC 8. FIELDS SEARCHED					
Minimum documentation scarched (classification system followed by classification symbols)					
IPC': G01N33, B01D59, C01B4					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Chinese Patent Document (1985—)					
Electronic data base consulted during the international search (r					
CNPAT, WPI,EPODOC,PAJ: hydrogen, deuterium,	exchange, isotone, vines mic	practicable, sear	ch terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT	,p.,	TOO GRANSHIL, DIG	logical sample		
Category* Citation of document, with indication, when	appropriate of the relevant	-			
PX Jiangshen Mao, et al., "confirmation of deuterium/ Science Letter, Jan 2004, vol.49, no.1, page 95-98,	hudaa aa	Relevant to claim No. I-5			
A Coleman M L, et al., "Reduction of water with nine	Coleman M L, et al., "Reduction of water with zinc for hydrogen isotope analysis", Anal. Chem, 1982,54, page 993-995, see the whole document				
A Wu R, et al., "Thermostabilization of live virus vac 1995,13(12), page 1058-1063.see the whole docum	al., "Thermostabilization of live virus vaccines by heavy water (D ₂ O)", Vaccine, 2), page 1058-1063.see the whole document				
A Tanweer A, et al., "Importance of clean metallic zin Chem., 1990, 62, page 2158-2160 are the whole do	ne for hydrogen isotope analysis", Anal.				
A Xu Wei, et al., "Measurement of hydrogen-deuterium ratio and particle recycling", Nuclear Fusion and Plasma Physics, June 2001, vol.21,no.2, page 119-123, see the whole document					
A US,A,5272054 (Switchenko et al.), 21.Dec 1993 (21.12.1993), see the whole document					
☐ Further documents are listed in the continuation of Box C. ☑ See patent family annex.					
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance 	cited to understand the principle or theory underlying the				
"E" earlier application or patent but published on or after the international filling date	"X" document of particular relevance; the claimed invention				
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	cause to considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such				
"O" document referring to an oral disclosure, use, exhibition or other means					
"P" document published prior to the international filing date but later than the priority date claimed	documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
Date of the actual completion of the international search					
28.Jan 2005 ame and mailing address of the ISA/	Date of mailing of the international search recort 0 3 · 2005 (0 2 · 0 3 · 2 0 0 5)				
nearmile No. rm PCT/ISA /210 (second sheet) (January 2004)	Authorized officer Telephone No. (86-10)6208	华	王		

INTERNATIONAL SEARCH REPORT Information on patent family members		International application No. PCT/CN2004/000939		
Patent document Cited in search report	Publication date	Patent family men	ibers	Publication date
US5272054A	21.Dec 1993	None		
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Form PCT/ISA /210 (patent fa	mily annex) (July 1998)			